

Appln. No. 10/619,299

Amendment dated: November 17, 2004

Response to Office Action dated September 23, 2004

Amendments to the Specification:

Please replace paragraph [0017] with the following amended paragraph:

[0017] The present invention relates to a compact slotted cylinder antenna, which may be configured to have an omni-directional radiation pattern, a cardioid radiation pattern, or a hybrid of the two. The near field impedance of the antenna is significantly lower than the impedance of human tissue. Accordingly, the antenna can be operated in proximity to a human body without significant coupling between the antenna and the body. In consequence, the risk of harmful side effects on the body due to radio frequency (RF) energy propagated by the antenna is minimized.

{00003172;}